Instructions for Mitsubishi controls with direct Ethernet/FTP service connecting to eNETDNC software

A) Software setup

1) In eNETDNC software in eHUB/Configure menu select the first available (0 IP) eHUB/eRS/FTP group
2) Click on the FTP radio button. Name each machine different in the group. Click on the Transmit/Download tab for each machine and set the correct download directory.
3) Go to eHUB/Options menu and specify FTP password (case sensitive, use capitals).
4) Exit and re-enter the eNETDNC program.

B) Machine setup

1) In Data IN/OUT and PARAM screen go to Ethernet setup screen (6/8 or 4/5)
2) Data #1: set TCP/IP address for the machine  
   Data #2: set empty  
   Data #3: set 0  
   Data #4: set 0  
   Data #5: set 0

   Data #11: set to eNETDNC  
   Data #12: set to the machine name set earlier in the eNETDNC program.  
   Note that each machine has to be named different.

   Data #13: set password the same as it was set earlier in the eNETDNC software.

   Data #14: set to /

   Data #15: set the computer TCP/IP address which is running the eNETDNC software. Note here, that on most networks the first three sections have to match the machine TCP/IP address.

   Data #16: set to 01

   Data #17: set to 0000

   Data #18: set to 0000

   Data #19: set to 2950

   Data #20: set to 0

C) Machine operation

1) To log in to the Ethernet network, go to Data IN/OUT and PARAM screen go to Ethernet setup screen (6/8 or 4/5) and set Data #5 to 0, then set Data #5 to 1. If no error message, log in is successful.
2) Select ‘Search’ with hard key, select ‘Remote’ with hard key. For L type in program number of the computer, for device set (5) for Ethernet and press ‘Input’ hard key. If Ethernet error shows up, repeat 2). If error is consistent, go back to 1). If error still exists, there is a network problem.
3) Select ‘Position’ hard key. Beginning of program should display. Press ‘Cycle Start’ to execute the program.

D) Program format

Ethernet operation requires that the program name on the computer are numbers only, otherwise no L search is possible. The program can not have extension either. The program should start the following way:

(COMMENT)
N001 G00....etc..
That is: no % sign at the beginning, first line is a comment line. The program requires a % sign at the very end.